Preliminary Amendment – Berger et al. International Application No. PCT/EP2005/002620

Filed: 11 March 2005

Page 3

Amendments to the Claims:

Before claim 1 on amended page 10 insert -- We claim:--

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- (Currently Amended) WA wobble drive, having comprising: 1.
- a shaft (1);
- a pivot bearing (5) that is situated on the shaft (1) and that is inclined in relation to an axis of rotation (7)-of the shaft-(1);
- a wobble finger (12) that extends away from the axis of rotation (7) of the shaft (1) and is held by the pivot bearing (5);

characterized in that wherein at least one balance mass (20, 21) is fashioned on the shaft (1).

- (Currently Amended) WThe wobble finger drive as recited in Claim 1, characterized in 2. that wherein the balance mass (20, 21) is situated on the shaft (1) in such a way that it counteracts the imbalance resulting from the design of the wobble drive.
- (Currently Amended) WThe wobble drive as recited in Claim 1-or 2, characterized in 3. thatwherein
- the pivot bearing (5) has an inner ring (5a) fashioned on the shaft (1) having an annular inner running surface (6)-for roller elements (10), the inner running surface (6)-being situated in a plane that does not stand perpendicular to the axis of rotation (7) of the shaft-(1);
- a wobble ring-(8), situated around the inner ring-(5a), is allocated to the pivot bearing, said wobble ring having an outer running surface (9) for the roller elements (10) that is allocated to the inner running surface (6); and in that

{00104989.DOC /} Your Ref.: WW AZ 0000220Pat/mi

Preliminary Amendment – Berger et al. International Application No. PCT/EP2005/002620

Filed: 11 March 2005

Page 4

- the wobble finger (12) extends from the wobble ring (8) radially to a center axis (13) of the wobble ring (8).
- 4. (Currently Amended) WThe wobble drive as recited in one of Claim[s] 1 to 3, characterized in that wherein the balance mass (20, 21) is capable of being manufactured by removing material from the shaft (1).
- 5. (Currently Amended) <u>WThe wobble drive as recited in one of Claim[s] 1 to 4</u>, characterized in that wherein
- the shaft (1) is mounted at at least two bearing points (3, 4);
- a balance mass (20, 21) is allocated to at least one of the bearing points (3, 4).
- 6. (Currently Amended) W<u>The w</u>obble drive as recited in Claim 5, characterized in that wherein
- the shaft (1) is mounted at two bearing points (3, 4); and in that wherein
- a balance mass (20, 21) is allocated to each of the bearing points (3, 4).
- 7. (Currently Amended) WThe wobble drive as recited in Claim 6, characterized in that wherein the axial distance (a) between a bearing point (3) and the balance mass (20) allocated thereto is minimal.
- 8. (Currently Amended) WThe wobble drive as recited in Claim 6 or 7, characterized in that wherein the balance masses (20, 21) allocated to the two bearing points (3, 4) are situated opposite one another in relation to the axis of rotation (7) of the shaft (1).
- 9. (Currently Amended) WThe wobble drive as recited in one of Claim[s] 1-to-8, characterized in that wherein the wobble ring (8) is essentially rotationally symmetrical, with the exception of the area from which the wobble finger (12) extends.

{00104989.DOC /} Your Ref.: WW_AZ_0000220Pat/mi

Preliminary Amendment – Berger et al. International Application No. PCT/EP2005/002620 Filed: 11 March 2005

Page 5

- 10. (Currently Amended) <u>WA wobble drive</u>, <u>having comprising</u>:
- a shaft(1);
- a pivot bearing (5)-that is situated on the shaft (1) and that is inclined in relation to an axis of rotation (7)-of the shaft-(1);
- a wobble ring (8) held by the pivot bearing (5);
- a wobble finger (12)-that, at a linkage point-(11), extends from the wobble ring (8)-radially to a center axis (13)-of the wobble ring-(8);

characterized in that wherein, on the wobble ring, (8) at least one balance mass (22, 23) is provided in an area that is situated neither at the linkage point (11) nor opposite the linkage point (11), in relation to the center axis (13) of the wobble ring (8).

- 11. (Currently Amended) W<u>The w</u>obble drive as recited in Claim 10, characterized in that wherein
- the pivot bearing (5) has an inner ring (5a) fashioned on the shaft (1), having an annular inner running surface (6) for roller elements (10), the inner running surface (6) being situated in a plane that does not stand perpendicular to the axis of rotation (7) of the shaft (1); and in that wherein
- the wobble ring (8) is allocated to the inner ring-(5a), and has an annular outer running surface (9), allocated to the inner running surface (6), for the roller elements (10).
- 12. (Currently Amended) WThe wobble drive as recited in Claim 10-or-11, characterized in that wherein two balance masses (22, 23) are provided that are situated opposite one another on the wobble ring-(8), in relation to the center axis (13)-of the wobble ring-(8).
- 13. (Currently Amended) <u>WThe wobble drive as recited in one of Claim[s] 10 to 12</u>, <u>characterized in that wherein two balance masses (22, 23)</u> are provided, and <u>in that wherein</u> the linkage point (11) stands at the same angular distance to the two balance masses (22, 23), in relation to the center axis (13) of the wobble ring (8).

{00104989.DOC /} Your Ref.: WW_AZ_0000220Pat/mi

Preliminary Amendment – Berger et al. International Application No. PCT/EP2005/002620

Filed: 11 March 2005

Page 6

- 14. (Currently Amended) WThe wobble drive as recited in one of Claim[s] 10-to-13, characterized in that wherein
- the one balance mass (22)-is situated in an area of the wobble ring (8)-that is offset by $+90^{\circ}$ relative to the linkage point (11)-of the wobble finger-(12), in relation to the center axis (13)-of the wobble ring (8), and in thatwherein
- the other balance mass (23) is situated in an area of the wobble ring (8) that is offset by -90° relative to the linkage point (11) of the wobble finger (8), in relation to the center axis (13) of the wobble ring (8).
- 15. (Currently Amended) WThe wobble drive as recited in one of Claim[s] 10-to-14, characterized in that wherein the wobble ring (8) is essentially rotationally symmetrical, with the exception of the linkage point (11) from which the wobble finger (12) extends and the areas in which the balance masses (22, 23) are provided.
- 16. (Currently Amended) WThe wobble drive as recited in one of Claim[s] 10 to 15, eharacterized in that wherein the balance mass (22, 23) is capable of being manufactured by removing material from the wobble ring (8).
- 17. (Currently Amended) Wobble drive as recited in at least one of Claims 1 to 9 and at least one of Claims 10 to 16. A wobble drive, comprising:
- a shaft;
- a pivot bearing that is situated on the shaft and is inclined in relation to an axis of rotation of the shaft;
- a wobble finger that, at a linkage point, extends from the wobble ring radially to a center axis of the wobble ring, that extends away from the axis of rotation of the shaft, and that is held by the pivot bearing;

wherein at least one balance mass is fashioned on the shaft, and

Preliminary Amendment – Berger et al. International Application No. PCT/EP2005/002620 Filed: 11 March 2005

Page 7

wherein at least one additional balance mass is provided on the wobble ring in an area that is situated neither at the linkage point nor opposite the linkage point, in relation to the center axis of the wobble ring.

(Currently Amended) WThe wobble drive as recited in one of Claim[s] 1 to 17, 18. characterized in that wherein a balance mass (20, 21, 22, 23) is formed from a plurality of balance mass elements.

{00104989.DOC /} Your Ref.: WW_AZ_0000220Pat/mi